

SYMPOSIUM
ADVANCED INFORMATION PROCESSING & ANALYSIS

SPONSORED BY:
ADVANCED INFORMATION PROCESSING & ANALYSIS STEERING GROUP
INTELLIGENCE COMMUNITY

*Call for Participants
and
Announcement for Attendees*

*Sheraton Premiere Hotel
Tysons Corner, Virginia
22 - 24 March 1994*

Deadlines

Presentation Abstracts 17 January 1994
Exhibitor Abstracts 14 February 1994
Attendees 7 March 1994

This will be a 3 day
UNCLASSIFIED Symposium

Fees

Attendees No fee
Exhibitor 8 x 8 Booth \$150
Exhibitor 8 x 16 Booth \$250

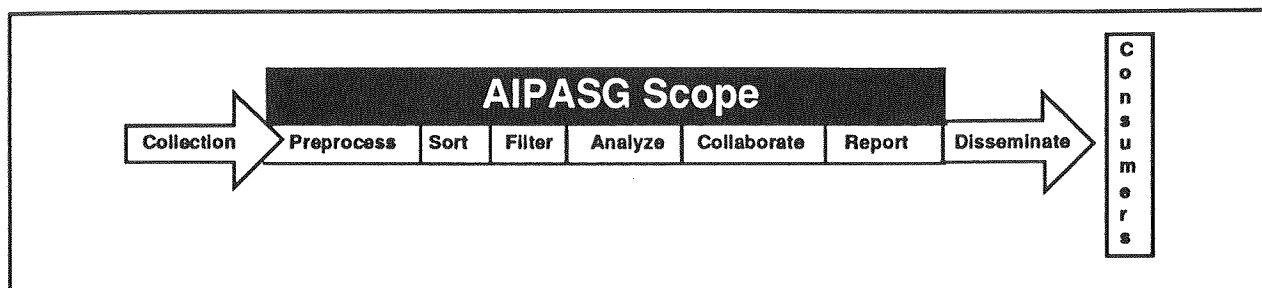
The decorator may assess additional
charges for exhibitor needs beyond the basic booth

*Ms. Terry S. Kees, AIPASG Chair
Director, Office of Information Technology
Room GN06, Plaza A
Washington, DC 20505*

*Dr. Russell R. Rose, Symposium Chair
Office of Research & Development, ISRG
Room 666 Ames Building
Washington, DC 20505*

AIPA94

The Advanced Information Processing and Analysis Symposium for 1994 (AIPA94) will be held at the Sheraton Premiere Hotel in Tysons Corner, Virginia on 22 - 24 March 1994. The Symposium will focus on analytic tools and supporting technologies as they apply to the intelligence analysts' information processing environment from the receipt of data, through the analytical process, to the final product ready for distribution.



Specifically, the Symposium will center around the AIPASG Priority Application Areas (1 to 5 below) and the supporting technologies with sessions focusing on these areas:

1. *Intuitive User Interfaces* -- provide analysts an environment which promotes analysis and thinking.
2. *Document Processing, Organization and Management* -- analysts have at their fingertips the documents relevant to analytic tasks.
3. *Transparent Access to Multiple Data Sources* -- analysts have transparent access to all relevant data.
4. *Collaborative Communications Across Boundaries* -- analysts have easy access to individuals and to resources for collaboration.
5. *Automated Data Understanding* -- analysts have computers which provide automatic analysis for purposes of filling information gaps, as well as doing predictive assessments.
6. *Analyst Perspective of the Technology Solutions* -- analysts' requirements and how technology is or is not helping.
7. *Visualization* -- application of visualization technologies to improve the analysts' environment.
8. *Machine Translation* -- need for, and development of, automated systems for translating foreign languages into English.
9. *Integrated Data Access* -- requirement for distributed access to heterogeneous data bases and the advances being made in this area.
10. *COTR Information Exchange* -- focus on improving the interchange among government project officers.

AIPA STEERING GROUP SPONSORSHIP

In support of the Intelligence Community, the AIPA Steering Group is chartered to steer and foster technologies useful in improving the efficiency, effectiveness, and productivity of intelligence analysts' information processing environments. This forum will serve to energize multiple agencies, industries, and universities to provide innovative solutions to real Community problems. The core critical technology areas for the AIPA Steering Group are analytical tools for automated data understanding and automated data processing, and data base systems for data base management and data fusion. The Steering Group will promote the interchange of technical information and concepts applicable to analytical aids, within the Intelligence Community in implementing research, development, and applications programs.

SYMPOSIUM GOALS

The goal of AIPA94 is to bring the Intelligence Community analysts together with researchers from government, industry, academia and the National Labs to facilitate information exchange that will result in reduced duplication of effort, provide synergy and promote resource sharing.

SYMPOSIUM PARTICIPANTS

The AIPA Steering Group is soliciting Symposium participants as paper presenters and exhibitors on application or technology areas related to information processing and analysis as applicable to the Intelligence Community analysts' needs. All submissions will be **UNCLASSIFIED**.

Paper presenters are requested to submit a one page abstract of the proposed topic describing how the presentation relates to technology advancement in one of the 10 AIPASG areas listed above. Presentation sessions will be comprised of 2 or 3 presentations followed by a discussion period. Presentations are limited to 20 minutes plus 5 minutes for questions. The discussion period will be 25 minutes. Vendor exhibitors are invited to display their products on 22 - 24 March 1994. Government exhibitors also are invited to display their systems. The booth sizes are 8x8 or 16x8. All exhibitors are requested to submit a one page abstract of products they plan to display describing the relevancy to the 10 AIPASG areas listed above. The exhibit fees are \$150 for 8x8 and \$250 for 16x8. There is no fee for Government exhibitors.

Presenters and Exhibitors should also register as attendees. Please include registration form with abstract. For special exhibitor needs beyond the basic booth, the decorators may assess additional fees. Checks should be made payable to SAIC-AIPA94. No Purchase Orders or Credit Cards will be accepted.

The *deadline* for submission of one page abstracts for presentations is 17 January 1994, to allow sufficient time for evaluation by the Program Committee. The *deadline* for submission for exhibitors is 14 February 1994. Selection of abstracts to be part of the program will be based on relevance to the 10 AIPASG areas identified in the first paragraph of this announcement. Abstracts are to be submitted copy-ready so that they may be reproduced for inclusion in the Symposium program. Submissions will include the following information:

PAPER AND EXHIBITOR ABSTRACT FORMAT

Title: _____	
Author(s) <with Primary Author/Presenter/Exhibitor annotated>	
Organization Affiliation	
Address & Phone Number	
Related Application Area Identified:	
Sponsor:	
Description:	<To include relevancy to application area>
Status:	<Research, prototype, operational>
Scope:	<Size of effort - \$\$, MM, size of system or the like>
Customer:	<IC, DOD, USG, etc.>
Operational Use:	

Submit original abstracts for presentations/exhibits:

US Mail to:

Chair, AIPA Symposium
Attn.: Mrs. Susan Parker
PO Box 9146, Rosslyn Station
Arlington, VA 22219

FedEx (only - no US Mail) to:

Chair, AIPA Symposium
Attn.: Mrs. Susan Parker
703/351-2635
1820 N. Ft. Myer Drive
Rosslyn, Virginia 22209

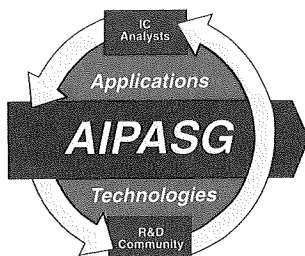
FAX (advance copies) to:

Chair, AIPA Symposium
Attn.: Mrs. Susan Parker
703/351-2629

HOTEL ACCOMMODATIONS

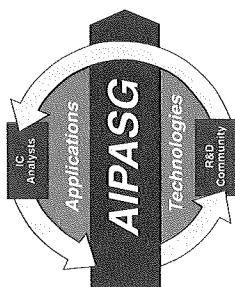
A limited number of rooms have been reserved for Symposium attendees at the Sheraton Premiere Hotel. The cut off date for the block of rooms is 28 February 1994; individuals desiring accommodations at the Sheraton should reserve early to insure the convenience of staying at the same location as the Symposium. The Symposium rates are \$103.29 (Single) and \$117.38 (Double) plus tax, per night. *For reservations, call 703/448-1234 or 800/572-7666. Please indicate to the hotel that you are attending AIPA94.*

For those exempt from Virginia State tax, exemption certificates must be provided to the hotel 3 weeks prior to the meeting. Complimentary shuttle service to and from Washington Dulles International Airport and National Airport is available.



AIPA STEERING GROUP ORGANIZATIONS

AFISA	DISA	ARMY	DOE	ARPA	FASTC	CIA	FBI	CIO	FSTC	CMS	JNIDS	DIA	NASA
NRL		NSA		OSTP	ROME LABS			OSAF		USMC	WRIGHT LABS		



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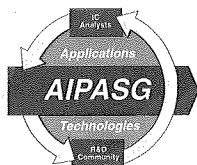
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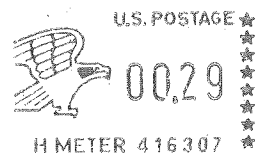
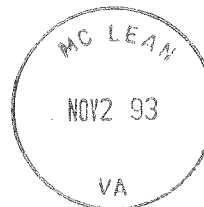
22 - 24 March 1994

**Sheraton Premiere Hotel
Tysons Corner, Virginia**

**Sponsored by:
Advanced Information
Processing & Analysis Steering
Group
Intelligence Community**



**Dr. Russell R. Rose
Executive Secretary, AIPASG
DS&T/ORD/ISRG/SS
Room 666, Ames Building
Washington, DC 20505**



**Dr. Brewster Kahle
Wide Area Information Servers,
1040 Noll Drive
Menlo Park CA 94025**

AIPASG

**AIPA94
Program Participant Application Form
22-24 March 1994**

Name: _____
(Last) (First) (Title)

Position/Grade/Rank: _____ **Phone:** _____ **SSN:** _____

Company/Organization: _____

Mailing Address: _____

Participation: Paper Presenter _____ Exhibitor _____ Attendee _____

Will Attend: 22 Mar _____ Reception - 22 Mar _____ 23 Mar _____ 24 Mar _____

Mail to Mrs. Susan Parker, PO Box 9146, Rosslyn Station, Arlington, VA 22219

Or FedEx (NOT US MAIL) to Mrs. Susan Parker, 1820 N. Ft Myer Drive, Rosslyn, VA 22209

Or FAX to Mrs. Susan Parker, 703/351-2629

Exhibitors - Make Checks payable to SAIC-AIPA94